AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Previously Presented) Mobile radio equipment, comprising:

a radio transmitter/ receiver for transmitting/ receiving radio data;

a transmission unit for converting the received data received by the radio transmitter/ receiver;

an application unit for executing applications;

a decoder for decoding the data output from the transmission unit;

a memory for storing the decoded data output from the decoder;

an input/ output section for inputting/ outputting the decoded data output from the decoder;

a load data output section for outputting the decoded data output from the decoder as load data;

a load data input section for inputting the decoded data output from the decoder as load data;

a judge section for judging the load data on a preset threshold value; and

a transmission controller for controlling a transmission rate based on a judgment made by the judge section,

wherein the judge section is provided with two threshold values, one for judging whether the load data is beyond a decoding capability of the decoder, and the other for judging whether the load data is beneath the decoding capability,

wherein the judge section includes a comparator for comparing the load data input

from the decoder with the threshold values in order to judge whether an amount of the data is within a capacity of the mobile radio equipment to process,

wherein the transmission controller requests a base station to reduce the data transmission rate when the load data exceeds one of the threshold values, and

wherein the transmission controller requests the base station to increase the data transmission rate when the load data is below the other threshold value.

2. (Previously Presented) Mobile radio equipment, comprising:

a radio transmitter/ receiver for transmitting/ receiving radio data;

a transmission unit for converting the received data received by the radio transmitter/ receiver;

an application unit for executing applications;

a decoder for decoding the data output from the transmission unit;

a memory for storing the decoded data output from the decoder;

an input/ output section for inputting/ outputting the decoded data output from the decoder;

a load data output section for outputting the decoded data output from the decoder as load data;

a load data input section for inputting the decoded data output from the decoder as load data;

a judge section for judging the load data on a preset threshold value and for judging whether a frame loss has occurred in the decoded data; and

a transmission controller for controlling transmission rate based on a judgment made

by the judge section.

3. (Currently Amended) The mobile radio equipment claimed in claim [[1]]27, wherein the judge section includes a comparator for comparing the load data with the threshold value in order to judge whether an amount of the data is within a capacity of the mobile radio equipment to process.

4. (Previously Presented) The mobile radio equipment claimed in claim 2, wherein the judge section includes a comparator for comparing the load data with a threshold value in order to judge whether an amount of the data is within a capacity of the mobile radio equipment to process.

5. (Currently Amended) The mobile radio equipment claimed in claim [[1]]27, wherein the judge section includes a comparator for comparing the load data with a threshold value in order to judge whether an amount of the data is within a capacity of the mobile radio equipment to process.

6. (Previously Presented) The mobile radio equipment claimed in claim 2, wherein the judge section includes a comparator for comparing the load data with a threshold value in order to judge whether an amount of the data is within a capacity of the mobile radio equipment to process.

7. (Currently Amended) The mobile radio equipment claimed in claim [[1]]27, wherein:

the judge section includes a comparator for comparing the load data input from the decoder with a threshold value in order to judge whether an amount of the data is within a capacity of the mobile radio equipment to process;

the transmission controller requests a base station to reduce the data transmission rate when the load data exceeds the threshold value; and

the transmission controller requests the base station to increase the data transmission rate when the load data is below the threshold value.

8. (Previously Presented) The mobile radio equipment claimed in claim 2, wherein:

the judge section includes a comparator for comparing the load data input from the decoder with a threshold value in order to judge whether an amount of the data is within a capacity of the mobile radio equipment to process;

the transmission controller requests a base station to reduce the data transmission rate when the load data exceeds the threshold value; and

the transmission controller requests the base station to increase the data transmission rate when the load data is below the threshold value.

9. (Cancelled)

10. (Previously Presented) The mobile radio equipment claimed in claim 2, wherein:

the judge section is provided with two threshold values, one for judging whether the load data is beyond a decoding capability of the decoder, and the other for judging whether the load data is beneath the decoding capability;

the judge section includes a comparator for comparing the load data input from the decoder with the threshold values in order to judge whether the amount of the data is within a capacity of the mobile radio equipment to process;

the transmission controller requests a base station to reduce the data transmission rate when the load data exceeds one of the threshold value; and

the transmission controller requests the base station to increase the data transmission rate when the load data is below the other threshold value.

11. (Withdrawn) A transmission rate controlling method of mobile radio equipment for controlling a rate of radio data transmission between mobile radio equipment and a base station, the method comprising:

decoding encoded data;

judging whether decoding has been performed in time based on whether buffer load data exceeds a preset value; and

controlling the rate of transmission to/from a base station if the decoding has not been performed in time.

12. (Withdrawn) A transmission rate controlling method of mobile radio equipment for controlling a rate of radio data transmission between mobile radio equipment and a base station, the method comprising:

decoding encoded data according to the encoded data input into a decoder;

judging whether decoding has been performed in time based on whether load data exceeds a preset value;

controlling the rate of transmission to/ from a base station if the decoding has not been performed in time; and

inputting/outputting the decoded data output from the decoder in a format suitable for the input data.

13. (Withdrawn) A transmission rate controlling method of mobile radio equipment for controlling a rate of radio data transmission between mobile radio equipment and a base station, the method comprising:

decoding encoded data;

detecting whether the decoding result is normal;

judging whether the decoding has been performed in time based on whether load data exceeds a preset value; and

controlling the rate of transmission to/from a base station if the decoding has not been performed in time.

14. (Withdrawn) A transmission rate controlling method of mobile radio equipment for controlling a rate of radio data transmission between mobile radio equipment and a base station, the method comprising:

decoding encoded data according to the encoded data input into a decoder;

detecting whether the decoding result is normal;

judging whether decoding has been performed in time based on whether load data exceeds a preset value;

controlling the rate of transmission to/from a base station if the decoding has not been

performed in time; and

inputting/outputting the decoded data output from the decoder in a format suitable for the input data.

15.-18. (Cancelled)

19. (Withdrawn) The transmission rate controlling method claimed in claim 11, wherein the controlling includes:

requesting the base station to reduce the data transmission rate when the load data exceeds the threshold value; and

requesting the base station to increase the data transmission rate when the load data is below the threshold value.

20. (Withdrawn) The transmission rate controlling method claimed in claim 12, wherein the controlling includes:

requesting the base station to reduce the data transmission rate when the load data exceeds the threshold value; and

requesting the base station to increase the data transmission rate when the load data is below the threshold value.

21. (Withdrawn) The transmission rate controlling method claimed in claim 13, wherein the transmission controlling step includes

requesting the base station to reduce the data transmission rate when the load data

exceeds the threshold value; and

requesting the base station to increase the data transmission rate when the load data is below the threshold value.

22. (Withdrawn) The transmission rate controlling method claimed in claim 14, wherein the transmission controlling step includes:

requesting the base station to reduce the data transmission rate when the load data exceeds the threshold value at the comparing step; and

requesting the base station to increase the data transmission rate when the load data is below the threshold value.

23. (Withdrawn) The transmission rate controlling method claimed in claim 11, wherein the load data comprises an amount by which a decoder buffer is filled.

24. (Withdrawn) The transmission rate controlling method claimed in claim 12, wherein the load data comprises an amount by which a decoder buffer is filled.

25. (Withdrawn) The transmission rate controlling method claimed in claim 13, wherein the load data comprises an amount by which a decoder buffer is filled.

26. (Withdrawn) The transmission rate controlling method claimed in claim 14, wherein the load data comprises an amount by which a decoder buffer is filled.

27. (New) A mobile radio system, comprising:

a radio transmitter/ receiver for transmitting/ receiving radio data;

a transmission unit for converting the received data received by the radio transmitter/ receiver;

an application unit for executing applications;

a decoder for decoding the data output from the transmission unit;

a memory for storing the decoded data output from the decoder;

an input/ output section for inputting/ outputting the decoded data output from the decoder;

a load data output section for outputting the decoded data output from the decoder as load data;

a load data input section for inputting the decoded data output from the decoder as load data;

a judge section for judging the load data on a preset threshold value; and

a transmission controller for controlling a transmission rate based on a judgment made by the judge section.